

Table 12.6 Nitrous Oxide Emissions, 1980-2008
(Thousand Metric Tons of Nitrous Oxide)

Year	Energy Sources			Waste Management			Agricultural Sources				Industrial Processes ³	Total
	Mobile Combustion ¹	Stationary Combustion ²	Total	Waste Combustion	Human Sewage in Wastewater	Total	Nitrogen Fertilization of Soils	Crop Residue Burning	Solid Waste of Domesticated Animals	Total		
1980	60	R44	R104	R1	R6	R7	R384	1	R219	R605	88	R804
1981	63	R44	R106	R1	R7	R7	R400	2	R221	R623	85	R821
1982	67	R42	R108	R1	R7	R7	R384	2	R221	R606	81	R803
1983	71	R43	R114	R1	R7	R7	R339	1	R221	R561	80	R762
1984	86	R45	R132	R1	R7	R7	R386	R1	R217	R604	88	R831
1985	98	R46	R143	R1	R7	R8	R497	2	R211	R710	89	R950
1986	107	R45	R152	R1	R7	R8	R479	R1	R205	R685	87	R933
1987	120	R46	R166	1	R7	R8	R466	1	R200	R667	91	R932
1988	138	R48	R185	1	R8	R8	R424	1	R197	R622	96	R912
1989	146	R49	R194	R1	R8	R8	R467	R1	R193	R661	99	R963
1990	126	R47	R173	1	R8	R9	R479	R1	R178	R659	96	R937
1991	147	R46	R193	1	R8	R9	R483	R1	R179	R664	99	R966
1992	153	R47	R200	1	R8	R9	R496	2	R181	R679	95	R983
1993	159	R48	R207	1	R8	R9	R483	1	R182	R666	100	R983
1994	165	R48	R214	1	R9	R10	R532	2	R184	R718	110	R1,052
1995	R188	R49	R236	1	R9	R10	R481	R1	R186	R669	111	R1,025
1996	R194	R51	R245	1	R9	R10	R475	2	R184	R661	116	R1,032
1997	R191	R51	R242	1	R9	R10	R492	2	R181	R675	74	R1,000
1998	R195	R51	R246	1	R9	R10	R502	2	R178	R682	58	R996
1999	R193	R51	R244	1	R9	R10	R498	2	R177	R677	57	R988
2000	R185	R53	R238	1	R9	R10	R491	2	R176	R668	56	R973
2001	R182	R51	R233	1	R10	R11	R491	2	R174	R667	47	R958
2002	R186	R51	R236	1	R10	R11	R479	2	R173	R654	51	R952
2003	R187	R51	R238	1	R10	R11	R481	2	R172	R655	46	R950
2004	R187	R52	R239	1	R10	R11	R545	2	R171	R718	46	R1,014
2005	R178	R53	R231	1	R10	R11	R556	2	R174	R731	47	R1,020
2006	R173	R52	R225	1	R10	R11	R564	2	R175	R741	47	R1,024
2007	R172	R52	R224	1	R10	R11	R540	2	R175	R718	R53	R1,006
2008	164	51	214	1	10	11	554	2	175	731	51	1,008

¹ Emissions from passenger cars and trucks; air, rail, and marine transportation; and farm and construction equipment.

² Consumption of coal, petroleum, natural gas, and wood for heat or electricity.

³ Adipic acid production (primarily for the manufacture of nylon fibers and plastics), and nitric acid production (primarily for fertilizers).

R=Revised.

Notes: • Emissions are from anthropogenic sources. "Anthropogenic" means produced as the result of human activities, including emissions from agricultural activity and domestic livestock. Emissions from natural sources, such as wetlands and wild animals, are not included. • Because of the continuing goal to

improve estimation methods for greenhouse gases, data are frequently revised on an annual basis in keeping with the latest findings of the international scientific community. • For information on units for measuring greenhouse gases, see <http://www.eia.gov/oiaf/1605/ggrpt/index.html>, Table 4, titled "Greenhouse Gases and 100-Year Net Global Warming Potentials." • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.gov/environment.html>.

Sources: U.S. Energy Information Administration (EIA), *Emissions of Greenhouse Gases in the United States 2008* (December 2009), Table 21; and EIA, Office of Integrated Analysis and Forecasting, estimates.